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Vegetable Varieties for Commercial Growers

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UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/COLLEGE OF AGRICULTURE/COOPERATIVE EXTENSION SERVICE
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THIS CIRCULAR provides an up-to-date listing of vegetable varieties suitable for cultivation in Illinois. Since growing and marketing conditions vary widely throughout the state, it should be noted that not every variety is appropriate for every location. In making selections, therefore, growers should consider the preference of the local market, the length of the growing season, the methods of culture to be used, the diseases likely to be encountered, and the adaptability of the variety to the local soil and climate.

More specifically, growers should consider the following factors when choosing a variety: climate (temperature, rainfall, humidity), soil (type, fertility, drainage), cropping season (spring, summer, or fall), culture (planting distance, training method, type of mulch, fertilizer treatment), time of planting, method of harvest, intended use (fresh sale or processing, storing or marketing), and disease resistance. Since these factors vary in their influence on both performance and maturity for different locations in the state, growers should interpret the days to maturity figures loosely when selecting early and late varieties.

Hybrids. In the following entries, hybrids are followed by an asterisk (*). A hybrid is a cross of two parental lines or varieties that differ in at least one (but usually more) important characteristic. The resulting vigor is evidenced by improved growth and yield. Hybrid seed is usually more expensive than seed from open-pollinated varieties, and growers often find that hybrids are superior to older varieties because breeding has combined several desirable characteristics — such as disease resistance, quality, vigor, and uniform plant type, fruit type, and maturity — into one plant. However, hybrid seed may not always be the best choice when price is weighed against other relevant factors.

Tips on Testing. Growers are encouraged to test new varieties and hybrids to judge the potential for their area, use, or market. The following tips will help growers evaluate their own trials.

- Limit the number of varieties to be tested.
- Compare them with standard or favorite varieties.

- Select a location with uniform soil quality and drainage so that all varieties will receive the same spray and cultural treatments. Avoid planting at the edge of a field, where uncontrollable factors may influence results.
- Plant all varieties on the same day and in the same way, both in the field and in the greenhouse (for later transplanting). Be careful not to mix seeds or plants.
- Label each row or plant carefully. Draw a map and keep it in a safe place.
- Record observations of plant growth, yield, disease, and fruit characteristics. These records will help in making decisions the following year.

Other Sources of Information. Growers are also encouraged to consult current catalogs and trade publications for other promising varieties. Since one seed company cannot provide all the best varieties for each individual operation, several sources may need to be checked. A list of seed companies and distributors is included in Horticultural Facts VC-10-80, "Sources of Vegetable Seeds." Single copies may be obtained from county Extension offices or from the Department of Horticulture, University of Illinois, 124 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL 61801.

Many of the vegetable varieties that show promise for Illinois have only recently been introduced and are still undergoing field tests. The latest results of those tests are included in the annual *Illinois Vegetable Research Report*, copies of which may be purchased either from county Extension offices or from the Department of Horticulture, University of Illinois, 124 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL 61801.

Additional information on varieties of these and other vegetables may be found in Circular 1150, *Vegetable Gardening for Illinois*. Copies are available for \$6 from the Office of Publications, University of Illinois, 54 Mumford Hall, 1301 W. Gregory Drive, Urbana, IL 61801. When ordering sale publications, make checks payable to the University of Illinois.

Explanation of Entries

The entries in this circular are listed in order of approximate days to maturity, which are indicated in parentheses after the name of the variety. Diseases to which the variety has resistance are entered in abbreviated form after each description. *Growers should note that resistance is to the common races or strains of plant pathogens in Illinois. Varieties may or may not be resistant to new strains that may develop.*

Key to Diseases

A = anthracnose	F = Fusarium wilt	PM = powdery mildew
A ₁ = Alternaria	FBR = Fusarium basal rot	PVY = potato virus Y
ALS = angular leaf spot	FCR = Fusarium crown rot	R = rust
Br = blackrot	GLS = gray leaf spot	RMV = red mottle virus
BS = bacterial spot	IC = internal cork	Sc = scab
BV ₁ = common bean mosaic	LB = late blight	SCLB = southern corn leaf blight
BV ₁₅ = New York strain bean mosaic	LM = leaf mold	Sm = smut
BYMV = bean yellow mosaic virus	MDM = maize dwarf mosaic virus (tolerance only)	Sr = soil rot
BW = bacterial wilt	N = root knot nematodes	SW = Stewart's wilt
CB = Cercospora blight	NCLB = northern corn leaf blight (Race 1)	TEV = tobacco etch virus
CMV = cucumber mosaic virus	NN = net necrosis	TMV = tobacco mosaic virus (most strains)
DM = downy mildew	PEMV = pea enation mosaic virus	V = Verticillium wilt
		YR = yellows resistant

ASPARAGUS

- Jersey Centennial* Vigorous, good yields, large green spears, purple bracts, tight purple tips. R,FCR.
- Syn 4-51* Very vigorous, high yields, large green spears, purple bracts, tight purple tips. R,FCR.
- Syn 4-56* Extremely vigorous, very high yields, large green spears, purple bracts, tight purple tips. R, FCR.

BEAN, SNAP (green)

- Contender (50) Nearly round, slim pod, buff seeded. Well-adapted, standard stringless variety. BV₁,PM.
- Spartan Arrow (51) Oval bean, buff seeded, concentrated set, straighter pod than Contender. Well adapted in Midwest for shipping or local marketing. BV₁,BV₁₅.
- Astro (52) Round pod, white seeded, concentrated set. Productive, suitable for shipping or mechanical harvesting. BV₁,BV₁₅.
- Green Genes (52) Flat pod, white seeded. Improvement of Greencrop for local sales where flat pod is desired.
- Provider (52) Standard round bean, purple seeded, concentrated early set. Suitable for shipping or local marketing. White-seeded Provider has improved pod, matures 2 to 3 days later. BV₁,BV₁₅,RMV,PM.
- Early Gallatin (53) Round pod, white seeded. Tender, excellent for freezing. BV₁,BV₁₅,RMV.
- Bluecrop (54) Round pod, white seeded, excellent flavor. Standard for local markets.
- Cascade (54) Round pod, white seeded. Excellent quality for local markets. BV₁,BV₁₅.
- Harvester (54) Round pod, white seeded. Adapted for mechanical harvesting and shipping. BV₁,BV₁₅.
- Sprite (54) Nearly round pod, white seeded. Suitable for fresh markets. BV₁.
- Tenderette (54) Round pod, white seeded. Adapted for machine harvesting. BV₁,BV₁₅.
- Tendergreen, Improved (54) Nearly round pod, purplish-tan seeded. BV₁,BV₁₅.

- Eagle (55) Round slender pod, white seeded. Suitable for freezing and local marketing. BV₁,BV₁₅.
- Del Ray (56) Round pod, white seeded. Upright plant adapted for machine harvesting.
- Tendercrop (56) Round pod, white seeded, spreading bush. Excellent quality for local markets. BV₁,BV₁₅,PM.
- Bush Blue Lake 274 (57) Popular, high-yielding variety, round pod, white seeded. BV₁,BV₁₅.

BEAN, SNAP (yellow)

- Resistant Kinghorn Wax (50) Standard yellow wax bean, round pod, white seeded. Good for processing. BV₁,BV₁₅.
- Resistant Cherokee (52) Standard yellow wax bean, oval pod, black seeded. Well adapted for shipping and local marketing. BV₁.
- Moongold (54) Round golden pod, white seeded, straighter pod than Kinghorn Wax.
- Midas (55) Slender, short pod, white seeded, concentrated set. BV₁,BV₁₅.
- Goldcrop (55) Round, straight pod, white seeded, upright plant. Well adapted, All-America Selection. BV₁,BV₁₅.
- Sungold (56) Round, bright pod, white seeded. Attractive color and appearance for local markets. BV₁,BV₁₅.

BEAN, LIMA

- Henderson Bush (65) Standard baby lima, pale green seed.
- Thorogreen (66) Early baby lima, excellent quality, green seed. Selection from Henderson Bush but less heat tolerant.
- Thaxter (70) Baby lima, similar to Thorogreen, greenish white seed. Developed for processing, improved yields under mildew conditions. DM.
- Fordhook 242 (74) Standard bush lima. Uniform, large, greenish white seed, large plant. Sets under adverse conditions.

BEET

- Gladiator (52) Early processing type, good color.

Ruby Queen (55)	Widely used. Uniform round root, suitable for processing or marketing.
Detroit Dark Red (60)	Globe-shaped root with good color, suitable for processing or marketing.
Crosby Green Top (60)	Erect green tops suitable for bunching.

BROCCOLI

Packman* (55) -trial	Early, uniform head size and harvest.
Green Comet* (60)	Uniformly large head. Suitable for early marketing.
Green Duke* (70)	Green Comet type, matures 10 days later.
Premium Crop* (75)	Large single head, main season variety. Good for mechanical harvesting.

BRUSSELS SPROUT

Green Gem* (85) -trial	Early hybrid suitable for freezing and fresh marketing. Ready for trial in Illinois.
Oliver (90) -trial	Vigorous plant, large sprouts, very uniform.
Jade Cross E* (92)	Consistently high yields, widely used.

CABBAGE (fresh market head)

Market Victor* (65)	Early hybrid. Solid round head with bright, blue green color. YR.
Stonehead* (70)	Early hybrid. Small, solid head. YR.
Ruby Ball* (72)	Solid, round, deep red head. YR.
Market Topper* (73)	Medium-sized, solid head, for second early crop. YR.
Market Prize* (75)	Round, firm, uniform head, excellent shipper for main season crop. YR.
Red Head* (83)	Firm, slightly flattened head with deep red color, for main season crop. YR.
Resistant Danish* (95)	Medium-sized, solid, slightly flattened head, suitable for late season fresh markets. YR.
Red Danish* (97)	Late season red head, suitable for storage. YR.
Danish Ballhead* (100)	Late season variety, suitable for storage.

CABBAGE (fresh market savoy)

Savoy Ace* (75)	Finely curled, round head. YR.
Savoy King* (85)	Large, moderately curled head, tolerant to blackrot.
Chieftan Savoy (90)	Standard, late season savoy.

CABBAGE (processing)

Titanic* (73)	Solid head, used especially for kraut. YR.
King Cole* (74)	Can be used fresh or for kraut. YR.
Roundup* (78)	Widely adapted hybrid. YR.

CARROT (fresh market)

Spartan Fancy* (70)	Good color, early. CB.
Dominator* (73)	Long, slender root, good color.
Hi-Pak* (77)	Widely grown, vigorous, good color.
Trophy* (78)	Smooth, uniform root, good clear color for cello-pak.
Gold Pak (79)	Not as early as hybrids but widely used. CB.
Grenadier* (79)	Slender type for cello-pak. CB.

CARROT (processing)

Scarlet Nantes (75)	Uniform cylindrical root, suitable for slicing.
Red Cored Chantenay (100)	Large heavy root, suitable for baby food or dicing.
Danvers 126 (100)	Large heavy root, suitable for baby food or dicing, widely used. CB.
Spartan Bonus* (110)	Good color and size, suitable for baby food or soup. CB.

CAULIFLOWER

Snow King* (48)	Early, heat tolerant, suitable for fall marketing.
Snow Crown* (50)	Best early. Uniform, medium-sized head.
Early White* (50) -trial	Early, medium size, for spring or fall.
Imperial 10-6 (58)	Excellent white heads.
White Summer* (65) -trial	Attractive, large head for summer and fall.
Snowball Y (70)	Large, main season type.

CHARD

Lucullus (55)	Tall plant, slender white petioles, heavily crumpled leaves.
Large White Rib (60)	Tall plant, broad smooth leaves, white petioles. Easy to wash.
Burgundy (60)	Bright red petioles, ornamental, good quality.

CHINESE CABBAGE

50 Days* (50)	Excellent early heading type.
Early Hybrid G* (55)	Excellent heading type.
Burpee Hybrid* (60)	Heading type, best for fall.

COLLARD

Carolina (70) -trial	Similar to Vates in plant color and cold resistance, but also resistant to downy mildew. DM.
Vates (75)	Leading commercial variety. Low, spreading growth, dark green leaves. Very hardy.
Georgia (80)	Standard variety. Tall plant, large somewhat crumpled leaves. Produces under adverse weather conditions.

CUCUMBER (slicing)

Challenger* (60)	Long-time standard, widely adapted. Heavy producer, dark green fruit. CMV, DM.
Victory* (60)	Early, gynoecious. Longer fruit than Poinsett. DM,PM,ALS,A,CMV,Sc.
Gemini* (61)	Gynoecious, productive. Shorter fruit than Marketmore. DM,PM,ALS,A,CMV,Sc.
Pacer* (63)	Deep green, uniform fruit. Productive with adequate spray program. Sc,CMV.
Sweet Slice (63)	Long fruit, productive, bitter-free. Suitable for plant sales, specialty, and roadside markets. DM,PM,CMV,ALS,Sc,A.
Saticoy* (64)	Dark green, uniform fruit, productive. DM,CMV.
Poinsett (64)	Long-time standard, dark green fruit. Suitable for spring and fall planting. DM,PM,ALS,A,Sc.

- Poinsett 76 (65) Slightly longer than Poinsett. Sc,DM, PM,ALS,A.
- Marketmore 76 (67) Improvement of Marketmore 70. Dark green fruit, somewhat longer than Poinsett. PM,DM,CMV,Sc.
- Marketmore 80 (68) Bitter-free Marketmore. Suggested for local markets. CMV,Sc,DM,PM.

CUCUMBER (pickling)

- Bounty* (51) Gynoecious, black spine, long fruit. DM, PM,Sc,CMV,ALS,A.
- Premier* (51) Gynoecious, white spine, widely adapted. DM,PM,Sc,CMV,ALS,A.
- Early Pik* (54) Gynoecious, white spine. CMV,Sc.
- Flurry* (55) Gynoecious variety, white spine, very uniform fruit. ALS,A₁,CMV,Sc,DM,PM.
- Calypso* (56) Gynoecious, white spine, dark green fruit. ALS,DM,PM,CMV,Sc,A.
- WIS SMR 18 (56) Monoecious, long-time standard variety. CMV,Sc.

EGGPLANT (large oval)

- Dusky* (63) Small fruit, widely adapted. Best for early crop only.
- Black Magic* (73) Productive, standard variety. Good size, dark color.
- Classic* (76) Long, tapered, dark glossy fruit.

EGGPLANT (specialty)

- Viserba (60) Distinctive, long, slender Japanese type, green calyx, dark glossy fruit. Suitable for local markets.
- Imperial* (62) Long, slender Viserba type but larger. Green calyx. TMV.

KALE

- Vates (Dwarf Blue Curled) (55) Low growing, hardy. Attractive, finely curled, deep blue green leaves. Holds color in cold weather.
- Dwarf Siberian (65) Low spreading, broad, gray green, frilled leaves. Very cold hardy.

LETTUCE (greenhouse)

- Grand Rapids (45) Light green, loose leaf type. Use tipburn-resistant strain.
- Ostinata (60) BoH- and tipburn-resistant. Best for year-round hydroponic production.
- Salina (60) Dark green Boston type for hydroponic culture.

LETTUCE (leaf)

- Black Seeded Simpson (45) Early loose-leaf type, good flavor.
- Grand Rapids (45) Tipburn-resistant, loose-leaf type.
- Summer Bibb (62) Slow bolting with thick, tender, dark green, flavorful leaves. Tipburn-resistant.
- Buttercrunch (64) Larger than Summer Bibb but similar in appearance. Tipburn-resistant.

MUSKMELON

- Summet* (78) Early productive, solid fruit but usually small. F.
- Burpee Hybrid* (82) Large fruit, heavy netting. Suitable for local markets. F.
- Harper* (85) Medium-large, round fruit, fine netting. Best for local markets. Cracks in wet weather. F.

- Earlidew* (85) Honeydew melon, good size, white skin, very green flesh, slips at maturity.
- Superstar* (86) Very large (6 to 8 pounds), deep sutures. heavy netting. Suitable for local markets. F,DM.
- Gold Star* (87) Large fruit, netted. Widely grown for local markets.
- Harvest Pride* (88) Small, round, netted, firm fruit. Productive.
- Saticoy* (90) Large, firm fruit, fine netting. Suitable for local markets and shipping. A₁,F, PM,DM.
- Burpee Crenshaw* (90) Very large (up to 10 pounds), oval-pointed, firm fruit, salmon flesh, no netting. Green skin turns golden when ripe. Suitable for local markets in southern Illinois.

MUSTARD

- Southern Giant Curled (50) Standard southern variety. Large, upright, bright green leaves with curled edges.
- Green Wave (55) Large, upright, moderately curled green leaves. Slow growing and long standing.

OKRA

- Dwarf Green Long Pod (50) Plants 4 feet tall. Pods 7 inches long, ribbed, dark green.
- Clemson Spineless (55) Plants 4½ feet tall. Pods 6 inches long, tapered, ribbed, medium green.
- Emerald (58) Plants 5 feet tall. Pods 8 inches long, smooth, round, dark green.

ONION (yellow)

- Pronto S* (90) First early variety, dark yellow.
- Abundance* (95) Large, for early market, stores poorly.
- Rocket* (95) Widely adapted, medium yellow, suitable for market or long storage.
- Early Yellow Globe (95) Medium to large, suitable for early market.
- Spartan Banner* (107) Large, light brown, suitable for storage. FBR.
- Fiesta* (110) Large, yellowish brown, suitable for market or short storage.
- Downing Yellow Globe (112) Large, reddish brown, suitable for storage.
- Yellow Sweet Spanish (120) Extralarge, dark yellow, late. Often grown from transplants.

ONION (red)

- Ruby (105) Deep red, large, fair for storage.
- Southport Red Globe (110) Smaller than Ruby, fair for storage.

ONION (white)

- Southport White Globe (110) Medium size, good for storage.
- White Sweet Spanish (120) Late standard, milder than Yellow Sweet Spanish.

PEAS

- Spring (60) Excellent quality, 3-inch pods, medium vines.
- Sugar Ann (60) Edible snap pea, 18-inch vines, All-America winner, for local market. F.
- Greater Progress (62) Popular early cultivar, dwarf vines, uniform 3-inch pods. F.

Knight (62)	Excellent quality, 3-inch pods, medium vines. BYMV,PEMV,F.
Lincoln (65)	Excellent quality, medium vines, curved medium-sized pods.
Green Arrow (68)	Productive, large, slender pods. DM,F.
Sugar Snap (70)	Edible, thick wall pods (snap pea), tall vines require trellis for local market or pick-your-own operations.

PEPPER (bell type)

New Ace* (65)	Fruit blocky but small, for early market.
Green Belle* (69)	Early, blocky fruit, thick wall.
Skipper* (69)	Early, mostly 4-lobed, blocky, thick wall. TMV,PVY.
Tasty* (70)	Productive, small to medium-sized fruit.
Bell Boy* (70)	Medium-sized fruit, mostly firm and blocky. TMV.
Staddon's Select (70)	Large, sometimes rough fruit, sets under adverse conditions. TMV.
Lady Bell* (72)	Productive, widely adapted, medium to large fruit. TMV.
Jupiter* (72)	Very large fruit with 3 and 4 lobes.
Marengo (73)	Very large 3-lobed, elongated fruit. Firm and productive.
California Wonder (75)	Standard market variety, productive over long season. TMV.
PIP (75)	Widely adapted new variety for areas where Keystone is grown. TMV.
Hybelle* (76)	New, blocky, medium-large fruit. TMV.
Summer Sweet 860* (76) -trial	Large, blocky bell with thick walls. Turns yellow when mature.
Bell Tower* -trial	Large, blocky bell with thick walls.
Yolo Wonder (78)	Standard, large, blocky fruit, productive B strain. Compact plant, earlier than L strain. TMV.
Keystone Resistant Giant (80)	Standard market variety, large, blocky fruit. TMV.
Emerald Giant (80)	Large, blocky fruit, thick walls. TMV.

PEPPER (specialty)

Hot Portugal (64)	Large, red fruit, hot, 6 inches long, tapered.
Cubanelle (68)	Large, yellowish green fruit, sweet, 6 inches long, tapered and blunt.
Jalapa* (68)	Jalopeno type, 2 to 3 inches long, broad shoulders, blunt type. Early and productive, dark green.
Surefire (69)	Yellow, elongated, hot, 6-inch fruit.
Hungarian Wax (70)	Waxy yellow fruit, hot, 6 inches long, pointed.
Sweet Banana (72)	Yellow fruit, sweet, 6 inches long, pointed.
Red Cherry (80)	Small, red fruit, flattened, hot or sweet.
Red Chili (85)	Small, red fruit, hot, 2 inches long. Suitable for drying. BS.

POTATO

Norland	Early, round to oblong, red with shallow eyes. Generally used as boiling potato. Sc. Susceptible to ozone injury.
Norchip	Early, white chipper, often irregular in shape. Deep eyes that are susceptible to internal sprouting.

Superior	Early, round white with deep eyes. Good for baking. Sc.
Katahdin	Large, round white with consistently good yields. Shallow eyes and smooth white skin. V.
Kennebec	Large, long white, tends to be misshapen. Excellent for baking. LB,NN.
Pontiac	Late, round red.

PUMPKIN (very small, up to 3 pounds)

Jack-Be-Little (95)	Attractive miniature pumpkin for decoration. Averages 3 to 4 ounces.
Baby Pam (100)	Smaller than Spookie, excellent color. Averages 2 pounds.

PUMPKIN (small, 4 to 6 pounds)

Spookie (90)	Round, bright orange. Selected for carving jack o'lanterns. Fine texture.
Sugar Pie (Early Sweet Sugar) (90)	Round, flattened, somewhat ribbed, deep orange. Fine texture.
Small Sugar (105)	Round, flattened, somewhat ribbed, deep orange. Fine texture.
HXP 2677* -trial	Excellent color, stem has good strength and color, excellent shape. Averages 4 pounds.

PUMPKIN (intermediate, 8 to 15 pounds)

Spirit* (110)	Bright orange Halloween type on semi-bush plant.
Young's Beauty (112)	Round, bright orange, slightly ribbed. For carving jack o'lanterns. Medium texture.
Funny Face* (115)	Bright orange, thick wall, deep round shape.
HXP 3678* -trial	Excellent color, big stem, averages 10 pounds.

PUMPKIN (large, 15 to 25 pounds)

Jackpot* (100)	Round Halloween pumpkin on semivining plant. Medium texture.
Connecticut Field (Big Tom) (115)	Standard Halloween pumpkin. Flattened globe shape, slightly ribbed, bright orange. Coarse texture.
Howden Field (115)	Deeper round shape than Connecticut Field. Excellent for jack o'lanterns. Coarse texture.

SPINACH (fresh market)

Virginia Savoy (39)	Erect, dark green leaves. Suitable for fall crop. F,CMV.
Melody* (43)	Moderately curled leaves. Suitable for spring or fall crop. DM,CMV.
Winter Bloomsdale (45)	Slow bolting. Dark green, heavily curled leaves. Suitable for spring or fall crop. DM,CMV.
Long Standing Bloomsdale (48)	Slow bolting. Thick, heavily curled leaves.

SQUASH (summer)

Zucchini Hybrid* (47)	Earliest dark green zucchini.
Zucchini Elite* (48)	Dark green zucchini with slim, elongated fruit.
Golden Girl* (50)	Bright yellow, prolific.
Seneca Prolific* (51)	Creamy yellow, straight, tapered fruit.

- Seneca Butterbar* (51) Attractive, butter yellow, straight, tapered fruit.
Early Prolific Pale yellow, club-shaped fruit.
Straightneck (52)

SQUASH (winter)

- Table Ace (78) Semivining acorn type. Uniform dark green fruit of excellent quality.
Table King (80) Bush vine, acorn type. Fruit somewhat lighter in color than Table Ace.
Table Queen (85) Standard acorn type for market and storage.
Hybrid Butternut* (85) Semivining butternut type. Smaller and earlier than other butternuts.
Hercules (90) Vining butternut type. Large, thick, blocky fruit with rich, orange flesh.
Waltham Butternut (95) Vining butternut type. Very uniform fruit, solid straight neck, small seed cavity.
Turk's Turban (100) Brightly colored, turban-shaped fruit. Orange, red, cream, white, and green ornamental for local and roadside sales.
Buttercup (100) Vining plant, green turban-shaped fruit with orange flesh. High quality, fine texture, 4 to 5 pounds.
Kinred (100) Vining plant, red turban-shaped fruit with yellow flesh.
Delicious, Golden (105) Vining plant, medium-sized, heart-shaped, smooth fruit, reddish orange skin. Medium-textured, high quality flesh. Excellent keeper.
NK 530* (105) Vining plant, medium to large, heart-shaped fruit, reddish orange skin, medium-grained flesh.
NK 580* (105) Vining plant, medium to large, heart-shaped fruit, reddish orange skin, medium-grained flesh.
Hubbard (100-115) Vining plant, large fruit, coarse-warted rind, orange red, dark green, and blue gray skin. Good keeper.
Vegetable Spaghetti (110) Vining plant, oblong, yellow fruit, 3 to 4 pounds. For roadside and local sales.
Big Max (120) Vining plant, extralarge, heavy, bright reddish orange fruit. Sold for seasonal decoration, resembles a pumpkin.

SWEET CORN (yellow sugary)

- Seneca Star* (66) Early, 6½-inch ear, good emergence in cold soil.
Aztec* (68) Good quality for fresh markets, 7½-inch ear. MDM,SW,Sm,NCLB,SCLB.
Sundance* (69) Standard early market variety in Illinois, 7½-inch ear. High yielder, excellent tip cover. MDM.
Norsweet* (69) Excellent tip cover, loose husk, 8-inch ear.
-trial
Seneca Horizon*(70) For early market, 8-inch ear.
Seneca RXY 7001* (73) -trial Excellent tip cover, 8-inch ear.
Northern Belle* (74) Second early variety, nearly 8-inch ear. SW.
Bellegold* (75) Second early variety, 8-inch ear of Bellringer type. MDM,SW.
Reliance* (76) Early midseason variety, suitable for processing and fresh marketing, 8-inch ear. NCLB.

- Bellringer* (77) High yielder, excellent tip cover, 7½-inch ear. MDM,SW,Sm.
Seneca 258* (78) 8½-inch ear.
-trial
Arrestor* (79) Small kernels, 8-inch ear.
-trial
Gold Winner* (79) Suitable for mechanical harvest, 8-inch ear. SW.
Cherokee* (79) Vigorous, developed for mechanical harvesting, 8-inch ear. MDM,SW,NCLB,Sm,R.
Gold Cup* (80) Standard main season variety, good tip cover, 7½-inch ear. SW,Sm,R.
Merit* (80) Good yielder, attractive 8-inch ear. MDM,SW,Sm,SCLB.
Seneca Scout* (80) High yielder, suitable for mechanical harvesting, attractive 8-inch ear. SW.
Jubilee* (81) Good quality, main season variety for processing and fresh marketing. Nearly 8-inch ear, widely adapted. R.
Bonanza* (82) Very large, 8½-inch ear, high yielder for late season. SW.
NK 199* (83) Standard for processing, large-diameter, 7½-inch ear. NCLB,R,SW.
Seneca Chief* (85) Popular standard of quality in its season. SW.
Style Pak* (85) Late main season variety, large 8½-inch ear, developed for processing and marketing. SW,NCLB,R,Sm.
Golden Queen* (88) Popular, high quality late variety, good husk cover, 8-inch ear. SW,NCLB.

SWEET CORN (white sugary)

- Quicksilver* (75) Vigorous, early white variety, high yielder, 7-inch ear. SW.
Pearl White* (78) Large ear, good husk cover. SW.
Earlqueen* (80) Attractive, nearly 8-inch ear, suitable for main season markets.
Silver Queen* (88) Quality standard for marketing and freezing, tender kernels, 8-inch ear. Smaller ear under adverse conditions, susceptible to smut. SW,NCLB.
Country Gentlemen (90) Vigorous, good yielder. Good husk, distinctive "Shoe Peg" type.
Chalice*
-trial
Seneca Paleface*
-trial

SWEET CORN (bicolor sugary)

- Harmony* (75) Best early bicolor, but short ear and may blank under adverse conditions. MDM.
Carnival* (82) Many flag leaves, 8½-inch ear.
-trial
Honey-n-Frost* (82) Attractive, tender, high quality kernels, 7½- to 8-inch ear.
Sweet Sal* (86) Excellent quality and husk protection, one of best bicolors, 8-inch ear. SW.
Dandy* (86) 7-inch ear. MDMV.
-trial
Sweet Sue* (88) Attractive 8½-inch ear of excellent quality. SW,Sm.
Bi-Queen* (88) Best late bicolor, full 8-inch ear. SW, NCLB,SCLB.

SWEET CORN (high sugar)

sh₂ types have crisp texture and are very sweet. Most germinate poorly in cold, wet soil. Isolate from all other sweet corn. May be called "super-sweet" or "extra-sweet" in catalogs.

Early Xtra Sweet* (75)	Best early "extra-sweet," 7-inch ear.
Summer Sweet 7200* (78)	Yellow, 8½-inch ear, tight husk.
Summer Sweet 7600* (82)	Yellow, 8-inch ear, tight husk.
Summer Sweet 7700* (83)	Yellow, 8-inch ear, tight husk.
Summer Sweet 7802* (84)	Bicolor, 8-inch ear, excellent husk cover.
Summer Sweet 7900* (85)	Yellow, 8-inch ear, tight husk.
Summer Sweet 8601* (86)	White, 8-inch ear, marginal husk cover.
Zenith*	
Ultimate*	
Sweetie* (87)	
Ivory & Gold*	Fair husk cover, 8-inch ear.
Florida Staysweet* (87)	Best "extra-sweet," widely adapted, 8-inch ear. NCLB,SCLB.
Sucro* (87)	Good quality, large ear (8½ inches or better).
Summer Sweet 7800 (87)	Yellow, 8-inch ear, tight husk cover.

su sh₂ or "synergistic" types, also "Sweet Genes Hybrid®." Standard sweet corn kernels with 25 percent high sugar (sh₂) kernels on the ear.

FMX 161* (78) -trial	Yellow, large ear, excellent husk protection.
FMX 23* (80) -trial	Yellow, large ear.
Honeycomb* (80)	Best main season cultivar of this type, larger ear and better husk cover than Sugar Loaf. NCLB,R.
Sugar Time* (82)	Attractive 8-inch ear, acceptable husk cover, tender kernels.

se or "sugary extender" or "sugary enhancer" types vary from partial to complete modification of high sugar kernels on the ear. Generally tender, creamy in texture, and sweet. Also "EH®" designation.

Snowbelle* (78)	White, 8-inch ear, good husk cover.
Peaches n Cream EH Early* (79)	Bicolor, 8-inch ear, excellent husk cover.
Silverado* (80)	White, 8-inch ear, good husk cover.
Platinum Lady* (82)	White, 8-inch ear, large tender kernel, good quality, purplish husk. SW.
Miracle* (84)	Short stalk, low ear height, 8-inch ear, good husk cover, very tender, small kernels, homozygous <i>se</i> . R.
Seneca Sentry* (87)	Good field performance in late plantings, 8-inch ear, good husk cover. excellent quality. MDM.
Double Delight* (87)-trial	Bicolor, homozygous <i>se</i> , tender eating quality.
Golden Sweet EH* (87)-trial	Large ear, fair husk cover, tender.

White Lightning* (92)

White, attractive medium-sized ear, white silk, tender quality. MDM.

SWEET POTATO

Jewel (120)	Orange flesh, large, stores well.
Nugget (125)	Tan skin, semidry, orange flesh. High quality, stores well. F,Br,IC,N.
Centennial (150)	Orange skin, moist, good quality, deep orange flesh. Medium to large, good yielder, stores well. F,Sr.

TOMATO (red)

Piedmont* -trial	Determinate, large, firm.
Reno* -trial	Determinate, large fruit, compact vine. V,F,N.
Winners Circle* -trial	Determinate, large, firm. V,F.
Early Girl* (55)	Indeterminate plant suitable for staking and pruning. Adapted to northern Illinois only. Fruit small unless pruned. V.
Springset* (65)	Determinate, open plant, medium-sized fruit. Best for northern Illinois. V,F.
Spring Giant* (68)	Determinate, vigorous plant suitable for caging, medium-sized fruit. All-America Selection. V,F.
Pik-red* (70)	Determinate, compact vine, large, very firm fruit. V,F.
Fresh Pak* (70)	Improved Pik-red type, better foliage, uniformly sized, firm, crack-resistant fruit. Suitable for early market. V,F,N.
Celebrity* (71)	Strong determinate vine; large, firm. All-America winner. V,F,N,TMV (tolerant).
Jet Star* (72)	Indeterminate plant suitable for staking, firm, crack-resistant fruit. Widely grown for fresh market, A ₁ tolerant. V,F.
Super Fantastic* (72)	Vigorous, indeterminate vine suitable for staking and pruning. Large, firm fruit, suitable for local sales and market gardens. V,F,N.
Burpee VF* (72)	Indeterminate vine suitable for staking, fruit medium in size and firmness. V,F.
Campbell 1327 (75)	Determinate, large plant with good cover, medium-sized, slightly flattened, crack-resistant fruit. Suitable for early markets. V,F.
Heinz 1350 (75)	Determinate, compact vine, medium-sized, crack-resistant fruit. Suitable for market gardens. V,F.
Show Me (75)	Vigorous, indeterminate vine, medium-sized fruit, very firm, crack-resistant. Developed at University of Missouri and well adapted to southern Illinois. V,F.
President* (75)	Determinate, firm, very large fruit. V, F,N,TMV.
Duke* (75)	Determinate, large, firm fruit with short radial cracks if staked. V,F.
Sunny* (75)	Determinate, medium-sized, very firm fruit, heavy producer. V,F,GLS.
Mountain Pride (76)	Vigorous, indeterminate; large, firm fruit. Dense foliage adapted to staking and trellising.
Castlehy 105* (78)	Large, indeterminate vines suitable for staking and pruning, medium-sized, firm.

Bigset* (78)	Determinate, large plant, medium-large, firm fruit. V,F,N.
Floramerica* (78)	Determinate, vigorous plant, large fruit, All-America Selection. Resistant to several disorders and foliar diseases. A ₁ , V, F,N,GLS,LM.
Mainpak* (80)	Vigorous, determinate vine, good cover, medium-large, firm fruit. V,F.
Supersonic* (80)	Indeterminate, large vine suitable for staking. Popular for local and garden plant sales. V,F.
Better Boy* (80)	Indeterminate, large vine suitable for staking, large fruit. Popular for local and garden plant sales. V,F,N.
Wonder Boy* (80)	Indeterminate, large vine suitable for staking, large, smooth fruit. Suitable for local markets and garden plant sales. V,F,N.

TOMATO (yellow)

Jubilee (75)	Indeterminate vine, large, deep-globed fruit, yellow skin and orange flesh. Productive.
Golden Boy* (80)	Indeterminate vine, large fruit, smooth, yellow skin and gold flesh.
Lemon Boy* (80) -trial	Indeterminate, bright lemon yellow color, large fruit.
Sunray (83)	Indeterminate vine, large, firm fruit, smooth, yellowish orange skin. F.

TOMATO (pink)

Pink Panther* (74)	Indeterminate vine suitable for staking or caging, medium-large, smooth, crack-resistant fruit. F.
Traveler 76 (78)	Indeterminate vine suitable for staking and pruning, large, smooth, crack-resistant fruit. Productive in southern Illinois. F.
Pink Wrap	Indeterminate vine suitable for staking, large, crack-resistant fruit.

TOMATO (greenhouse, indeterminate)

Laura*	Medium size, good quality fruit, for hydroponic or substrate culture. TMV,F, V,GLS.
Jumbo*	Vigorous vine, large, firm, crack-resistant fruit. V,F,N.
Tropic	Medium-large fruit. Vigorous, resistant to several foliar diseases. V,F,GLS.

TOMATO (cherry)

Cherry Challenger*	Mid-season, bright red, attractive, firm, tough skin, large, indeterminate.
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Large Red Cherry	Mid-season, indeterminate, vigorous plant, large cherry.
Gardener's Delight	Medium cherry, indeterminate.
Baxter's Early	Attractive, firm, medium cherry, determinate.
Sweet 100*	Very sweet small cherry, indeterminate, may crack.
Cherry Grande*	Early, large cherry, firm, determinate. V,F.
Small Fry*	Small cherry, firm, determinate. V,F,N.

TURNIP

Just Right* (40)	Uniform hybrid, white roots, suitable for fall crop.
Purple Top White Globe (58)	Widely used, smooth, globe-shaped roots.

WATERMELON

Yellow Baby* (80)	Small, round, light green fruit with dark stripes. Yellow, crisp flesh, excellent quality for early market sales. Suggested pollinator for seedless melons.
Royal Sweet* (85) -trial	Large elongated fruit, striped, dusty finish, 25 to 30 pounds.
Sweetmeat II* (85) -trial	Medium elongated green fruit, very sweet, dark red flesh, good texture, 15 to 20 pounds.
Seedless Hybrid 313* (90)	Oval, medium green fruit with dark stripes, 12 to 18 pounds. Crisp flesh, high quality for local sales. Requires pollinator. A.
Triple Sweet Hybrid* (90)	Seedless, round fruit with light green stripes, 10 to 15 pounds. Crisp flesh, high quality for local sales. Requires pollinator.
Mirage* (92)	Crimson Sweet type, 25 to 30 pounds, excellent quality. F.
Imperial (94) -trial	Round, 20 pounds, dark green with stripes.
Charleston Gray (95)	Oblong, light green fruit, thin, tough rind, 20 to 25 pounds. F,A.
Crimson Sweet (95)	Oval, blocky, light green fruit with dark stripes, 20 to 25 pounds. Fine, sweet quality. F,A.
Jubilee (100)	Oblong, light green fruit with dark stripes, 20 to 30 pounds. Tough rind for shipping. F,A.
Allsweet (100)	Oblong yellow green fruit with dark green stripes, 30 to 40 pounds. Small seeds, long shelf life. F,A.

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